

## **PART II.**

### **STATUTORY WEIGHT & SIZE LIMITS FOR VIRGINIA**

#### **24 VAC 30-111-40. Interstate system and designated highways.**

If the dimensions of the vehicle combination or nondivisible load, or both, exceed one of the following statutory limitations listed below, a hauling permit is required.

**Single Axle Weight:** 20,000 pounds or 650 pounds per inch of tire (width) in contact with the surface of the highway

**Tandem Axle Weight:** 34,000 pounds (more than 40 inches but not more than 96 inches axle centers)

**Gross Weight:** See 24 VAC 30-111-60. Legal weight allowed based on axle spacing

**Width:** 8 feet 6 inches (excluding mirrors and safety devices)

**Height:** 13 feet 6 inches

**Length:** Trailer – 48 feet

Semitrailer – 53 feet including load

Twin trailers – 28 ½ feet

Tractor truck semi trailer combinations – No overall length restrictions

Automobile and watercraft transporters – 75 feet plus 3 – foot overhang to front and 4 – foot overhang to rear

Tractor trucks shall not have more than one semitrailer attached.

Trucks shall not have more than one trailer attached.

Three motor vehicles shall be drawn only if coupled together by a saddle mount device.

#### **24 VAC 30-111-50. Primary and secondary systems.**

If the dimensions of the vehicle combination or nondivisible load, or both, exceed one of the following statutory limitations listed below, a hauling permit is required.

**Single Axle Weight:** 20,000 pounds or 650 pounds per inch of tire (width) in contact with the surface of the highway

**Tandem Axle Weight:** 34,000 pounds (more than 40 inches but not more than 96 inches between axle centers)

**Gross Weight:** See 24 VAC 30-111-60. Legal weight allowed based on axle spacing

**Width:** 8 feet excluding mirrors. Safety devices not to exceed 3 inches on each side

**Height:** 13 feet 6 inches

**Length:** Truck – 40 feet excluding load

Semitrailer – 48 feet

Twin trailers – 28 ½ feet

Tractor semitrailer combination – 65 feet including load

Combination of a towing vehicle and any manufactured housing – 60 feet including load and coupling

**24 VAC 30-111-60. Legal weight allowed based on axle spacing.**

Legal weight in pounds for any group of two or more consecutive axles. A hauling permit is required when a vehicle configuration exceeds the weight limitations according to axle spacing.

“L” is defined as the distance in feet between the extremes of any group of two or more consecutive axles.

<u>“L”</u>	<u>2 axles</u>	<u>3 axles</u>	<u>4 axles</u>	<u>5 axles</u>	<u>6 axles</u>	<u>7 or more axles</u>
4	34,000					
5	34,000					
6	34,000					
7	34,000					
8	34,000					
9	39,000	42,500				
10	40,000	43,500				
11		44,000				
12		45,000	50,000			
13		45,500	50,500			
14		46,500	51,500			
15		47,000	52,000			
16		48,000	52,500	58,000		
17		48,500	53,500	58,500		
18		49,500	54,000	59,000		
19		50,000	54,500	60,000		
20		51,000	55,500	60,500	66,000	
21		51,500	56,000	61,000	66,500	
22		52,500	56,500	61,500	67,000	
23		53,000	57,500	62,500	68,000	
24		54,000	58,000	63,000	68,500	74,000
25		54,500	58,500	63,500	69,000	74,500
26		55,500	59,500	64,000	69,500	75,000
27		56,000	60,000	65,000	70,000	75,500
28		57,000	60,500	65,500	71,000	76,500
29		57,500	61,500	66,000	71,500	77,000
30		58,500	62,000	66,500	72,000	77,500
31		59,000	62,500	67,500	72,500	78,000
32		60,000	63,500	68,000	73,000	78,500
33			64,000	68,500	74,000	79,000
34			64,500	69,000	74,500	80,000
35			65,500	70,000	75,000	
36			66,000	70,500	75,500	
37			66,500	71,000	76,000	
38			67,500	72,000	77,000	
39			68,000	72,500	77,500	
40			68,500	73,000	78,000	
41			69,500	73,500	78,500	
42			70,000	74,000	79,000	
43			70,500	75,000	80,000	
44			71,500	75,500		
45			72,000	76,000		
46			72,500	76,500		
47			73,500	77,500		
48			74,000	78,000		
49			74,500	78,500		
50			75,500	79,000		
51			76,000	80,000		

**24 VAC 30-111-70. Maximum weight allowed by permit based on axle spacing.**

Maximum weight in pounds according to vehicle axle spacings allowed by permit without requiring an engineering review from the Structure and Bridge Division for any group of two or more consecutive axles. All vehicle configurations shall be reduced to the smallest dimensions possible and those exceeding the specifications identified in this chart will require an engineering review before a permit can be issued.

“L” is defined as the distance in feet between extremes of any group of two or more consecutive axles.

<u>“L”</u>	<u>2 axles</u>	<u>3 axles</u>	<u>4 axles</u>	<u>5 axles</u>	<u>6 axles</u>	<u>7 or more axles</u>
4	44,000					
5	44,000					
6	44,000					
7	44,000					
8	48,000	53500				
9		54500				
10		55000				
11		56000				
12		56500	63000			
13		57500	63500			
14		58000	64500			
15		59000	65000			
16		59000	65500	72,500		
17		59500	66500	73,000		
18		60500	67000	74,000		
19		61000	67500	74,500		
20		62000	68500	75,000	82,000	
21		62500	69000	75,500	82,500	
22		63500	69500	76,500	83,000	
23		64000	70500	77,000	84,000	
24		65000	71000	77,500	84,500	
25		65500	71500	78,000	85,000	
26		66500	72500	79,000	85,500	91,500
27		67000	73000	79,500	86,000	92,000
28		68000	73500	80,000	87,000	92,500
29		68500	74500	80,500	87,500	93,000
30		69500	75000	81,500	88,000	94,000
31		70000	75500	82,000	88,500	94,500
32		71000	76500	82,500	89,000	95,000
33		71500	77000	83,000	90,000	95,500
34			77500	84,000	90,500	96,000
35			78500	84,500	91,000	97,000
36			79000	85,000	91,500	97,500
37			79500	85,500	92,000	98,000
38			80500	86,500	93,000	98,500
39			81000	87,000	93,500	99,000
40			81500	87,500	94,000	99,500
41			82500	88,000	94,500	100,500
42			83000	89,000	95,000	101,000
43			83500	89,500	96,000	101,500
44			84500	90,000	96,500	102,000
45			85000	90,500	97,000	102,500
46			85500	91,500	97,500	103,000
47			86500	92,000	98,000	104,000
48			87000	92,500	99,000	105,000
49			87500	93,000	99,500	105,500
50			88500	94,000	100,000	106,000
51			89000	94,500	100,500	106,500
52			89500	95,000	101,000	107,500
53			90500	95,500	102,000	108,000
54			91000	96,500	102,500	108,500
55			91500	97,000	103,000	109,500
56			92500	97,500	104,000	109,500
57			93000	98,000	104,500	110,000
58			94000	99,000	105,000	111,000
59			94500	99,500	105,500	111,500
60			95000	100,000	106,000	112,500
61			96000	101,000	106,500	113,000
62				101,500	107,000	113,500
63				102,000	108,000	114,500
64				102,500	108,500	115,000

## **24 VAC 30-111-80. Maximum Axle Weights.**

Single	24,000 or 850 pounds per inch, width of tire measured in contact with the surface of the road.
Tandem	refer to Axle Spacing Chart (24 VAC 30-111-70)
Tri-Axle and Quad-Axle groups	– refer to Axle Spacing Chart (24 VAC 30-111-70)

### **PART III. DESCRIPTIONS, REQUIREMENTS AND LIMITATIONS OF SPECIAL PERMITS AVAILABLE.**

A general blanket permit allows frequent movements within a specified time frame on Designated or all unrestricted routes, or both, unless posted otherwise, in Virginia. General blanket Permits all be issued on a case-by case basis and only after an appropriate engineering review has been complete to insure the vehicle configuration will not damage bridges and structures throughout the state or along the designated route. Results of the engineering review may render the vehicle configuration ineligible for a general blanket permit. Requests for general blanket permits should be made at least ten work days prior to the anticipated date of movement.

General blanket permits may only be obtained through the Virginia Department of Transportation Central Office and the cost is \$45 for a one-year permit and \$85 for a two-year permit. The Department of Motor Vehicles may assess a monthly fee for each mile the vehicle operates under the blanket permit. The fee is \$.10 per mile and is charge for vehicles or equipment that cannot be licensed in Virginia due to the vehicle or equipment size exceeding statutory limitations. The applicant will pay this fee directly to the Motor Carrier Division, Department of Motor Vehicles, 2300 West Broad Street, Richmond, Virginia 23219.

## **24 VAC 30-111-100. Restricted blanket permit.**

A restricted blanket permit may be issued when an engineering review reveals that the vehicle's configuration does not warrant unrestricted travel throughout Virginia and therefore should not be granted a general blanket permit. Restricted blanket permits can be issued for a period not to exceed six months. Results of the engineering review may render the vehicle configuration ineligible to receive a restricted blanket permit. Request for restricted blanket permits should be made at least 10 workdays prior to the anticipated date of movement.

Restricted blanket permits may be obtained through the VDOT Central Office and the cost is \$45.00. The Department of Motor Vehicles may assess a monthly fee for each mile the vehicle operates under the restricted blanket permit. The fee is \$.10 a mile and is charge for vehicles that cannot be licensed in Virgin due to vehicle or equipment size exceeding statutory limitations.

If the applicant's vehicle configuration exceeds any of the parameters listed and an engineering review has determined the configuration ineligible to operate under a general or restricted blanket permit, the applicant may apply for a single trip or superload permit.

Width	14 feet (Manufactured housing – 14 feet plus 12-inches side overhang)
Weight	See 24 VAC 30-111-70. Maximum weight allowed by permit based on axle spacings
Length	100 feet
Height	14 feet

#### **24 VAC 30-111-110. Single trip permit.**

A single trip permits is issued to cover one movement between two specific points within a 13-day period. The 13-day travel window is allowed to give the transporter flexibility in case of inclement weather or unforeseen circumstances beyond the mover's control. Single trip permits may be obtained through, a permit transmission company, the Virginia Department of Transportation central office and any Virginia Department of Transportation district or residency Office.

Single trip permits are \$12 each. Vehicles or equipment that cannot be licensed in Virginia because they exceed statutory size or weight limitations will pay the single permit price plus a fee of \$.10 per mile for each mile traveled under the authority of the permit. The fee of \$.10 per mile is collected prior to the issuance of the single trip permit.

If vehicle configuration exceeds any of the parameters listed below, the applicant shall apply for a superload permit.

Height: 15 feet  
Width: 14 feet  
Length: 150 feet. Note: Fairfax County: 100 feet on non-interstate routes. Virginia Beach, Norfolk, Portsmouth and Chesapeake: 100 feet to a job site.  
Gross Weight: 130,000 pounds – secondary and primary  
150,100 pounds – interstate

#### **24 VAC 30-111-120. Superload permit.**

A. A superload permit is required for all movements that exceed the maximum parameters established for single trip hauling permits. Movements with a width in excess of 14 feet will be required to travel on a specific date. Superload permits will be issued on a case by case basis after an appropriate engineering review has been completed to ensure the applicant's vehicle configuration will not damage bridges and structures on the designated route of travel. Result of the engineering review may render the applicant's vehicle configuration ineligible for movement along Virginia's highways.

Superload permits can only be obtained through the Virginia Department of Transportation central office. Requests for superload permits should be made at least 10 workdays prior to the anticipated date of movement.

Superload permits cost \$12 each, plus a \$4.00 research fee per structure crossed. All Structures on the interstate system will count as one structure. Vehicles or equipment that cannot be licensed in Virginia because they exceed statutory size or weight limitations will also incur an additional charge of \$.10 per mile. The fee of \$.10 per mile is collected prior to the issuance of the superload permit.